



505 East Huntland Drive  
Suite 250  
Austin, TX 78752

512.329.6080 PHONE  
512.329.8750 FAX

[www.TRCSolutions.com](http://www.TRCSolutions.com)

March 11, 2013  
TRC Solutions Project No. 192355

Mr. Gary Moore  
U.S. EPA Region 6  
1445 Ross Avenue, Suite 1200  
Dallas, TX 75202-2733

**Re: Daily Progress Report  
Falcon Refinery Superfund Site  
Ingleside, San Patricio County, Texas  
TXD 086 278 058**

Dear Mr. Moore:

On behalf of Lazarus Texas Refinery I, LLC, (Lazarus), TRC Solutions (TRC) submits this Daily Progress Report for February 14, 2013 on the Removal Action Activities at the Falcon Refinery Federal Superfund Site to the United States Environmental Protection Agency for your review.

If you have any questions, comments, or concerns, please do not hesitate to contact me at (361) 522-1935.

Sincerely,  
TRC

Alonzo G. Arredondo  
Senior Geologist

Attachment: Daily Progress Report  
cc: Lazarus Texas Refinery I, LLC

## **DAILY PROGRESS REPORT - Falcon Refinery Federal Superfund Site, Ingleside, TX;**

### **1. DAILY PROJECT ACTIVITIES COMPLETED ON FEBRUARY 14, 2013**

The following activities were conducted today.

- No work was performed at the site on this period.

### **2. WORKERS ON-SITE THIS PERIOD**

- There were no workers at the Falcon Refinery site today.

### **3. STATUS OF TANK 13**

At approximately 4:30 a.m. on December 26, 2012, an employee of Superior Crude Gathering Corp was making a routine inspection of the Falcon Refinery facility when he observed crude oil leaking from Tank 13. The oil was leaking from the base on the south side of the tank on to the adjacent ground.

A backhoe was brought to the site and a trench was excavated for the purpose of intercepting and capturing the crude oil flowing from the tank. Superior brought a yard truck with pump to Tank 13 and began removing crude from the trench and recirculating it into Tank 13. The pumping of crude to the barge dock from Tank 13 was also initiated and loaded onto a barge. Superior plans to pump crude oil from Tank 13 until it is empty. Three barges were in place at the barge dock as of midday Wednesday (Dec. 26, 2012).

Superior estimates the initial crude volume tank approximately 30+ feet (~ 62,461 bbl.) of oil in Tank 13. A rough estimate of the oil leaking from the southeast base of Tank 13 is approximately 3 to 5 gallons per minute.

On December 27, 2012 Superior continued to pump crude from Tank 13 onto barges located at the barge dock. Crude oil was also pumped from the trench and recirculated into Tank 13 to prevent the release of crude beyond the collection trench. Late in the afternoon Superior estimated 10 feet (~ 20,820 bbl.) of crude oil remained in Tank 13.

On December 28, 2012 Superior continued to pump crude from Tank 13 onto barges located at the barge dock. Crude oil was also pumped from the trench and re-circulated into Tank 13 to prevent the release of crude beyond the collection trench.

On December 31, 2012 Superior continued to pump crude from Tank 13 onto barges located at the barge dock, but pumping was slowing down at the levels in Tank 13 were only about 2 feet. Today the leak from the base of Tank 13 is slowing. This is probably due to the lesser amounts (reducing hydrostatic pressure) of crude in Tank 13. Superior was planning to cease pumping to the barge docks with the large pumps because the large pump was sucking air. The plan was to utilize a yard truck w/pump at Tank 13 to enable pumping to the barge dock without sucking air. Crude oil was also pumped from the collection trench and re-circulated into Tank 13 to prevent the release of crude beyond the collection trench.

On January 2, 2013 Superior continued to re-circulate crude from the collection trench into Tank 13. Superior had a contractor bring two vacuum boxes to prepare for the cleaning of Tank 13. According to the contractor, about 1 foot of crude oil remains in Tank 13. Superior plans to remove the remaining crude oil in Tank 13 and transfer it into Tank 15 with their tanker trucks (with 130 bbl. capacity). This is to allow Superior to pump crude from Tank 15 to the barge dock.

On January 3, 2013 Superior has emptied the tank. There are no leaks from the tank. The trench has been emptied and only contains approximately 6 inches of crude in a limited area of the trench. Superior's tank cleaning contractor has additional equipment in the Tank 13 area. It appears this is preparation for cleaning Tank 13. Overall the activities to abate and address the Tank failure have been somewhat responsive.

On January 4, 2013 Superior has contractors removing soil below the tank cleanout door emptied the tank. There are no leaks from the tank. The trench contains approximately 6 inches of crude in a limited area of the trench. Superior's tank cleaning contractor has additional equipment in the Tank 13 area.

On January 7, 2013 Superior has contractors installing roof cranks to raise the internal floating roof. There are no leaks from the Tank 13. The trench contains approximately 6 inches of water in a limited area of the trench. Superior's tank cleaning contractor has a super sucker and additional equipment in the Tank 13 area.

On January 8, 2013 Superior has contractors cleaning the floor of Tank 13. There are no leaks from the Tank 13. The trench contains approximately 6 inches of water in a limited area of the trench. Superior's tank cleaning contractor has a super sucker and additional equipment in the Tank 13 area.

On January 9, 2013 Superior has contractors cleaning the floor of Tank 13. Superior's tank cleaning contractor has a super sucker and additional equipment in the Tank 13 area.

On January 10, 2013 Superior has contractors cleaning the floor of Tank 13. There are no leaks from Tank 13. The trench contains approximately 2.5 feet of a water/oil mixture in a limited area of the trench. Superior's tank cleaning contractor has a super sucker and additional equipment in the Tank 13 area. Mr. Danny Deleon, employee with Welfab, Inc, stated Welfab employees conveyed that an area of the Tank 13 floor was not supported by a stable foundation. The employees stated the floor had considerable vertical movement.

On January 14, 2013 Superior has contractors cleaning the floor of Tank 13. There are no leaks from Tank 13. The trench contains approximately 3 feet of an oil/water mixture in the trench. The entire trench contains an increased oil/water mixture than was contained in the trench on January 10, 2013. Superior's tank cleaning contractor continues using the super sucker on Tank 13.

On January 15, 2013 Superior has contractors cleaning the floor of Tank 13. There are no leaks from Tank 13. The trench contains approximately 3 feet of an oil/water mixture in the trench. The entire trench contains an increased oil/water mixture than was contained in the trench on January 10, 2013. Superior's tank cleaning contractor continues using the super sucker on Tank 13.

On January 16, 2013 Superior has contractors cleaning the floor of Tank 13. There are no leaks from Tank 13. The trench contains approximately 3.5 feet of an oil/water mixture in the trench. The entire trench contains an increased oil/water mixture than was contained in the trench on January 10, 2013. Superior's tank cleaning contractor continues using the super sucker on Tank 13.

On January 17, 2013 Superior has contractors cleaning the floor of Tank 13. There are no leaks from Tank 13. The trench contains approximately 4 feet of an oil/water mixture in the trench. The entire trench contains an increased oil/water mixture than was contained in the trench on January 10, 2013. Welfab's super sucker had mechanical problems late today. Danny Deleon with Welfab stated they would likely complete cleaning Tank 13 by Friday January 18, 2013.

On January 18, 2013 Superior has contractors cleaning the floor of Tank 13. The trench contains approximately 4 feet of an oil/water mixture in the trench.

On January 21, 2013 Superior's contractors have completed cleaning the floor of Tank 13. An inspection for repairs was being conducted by BBB Tank Service. There are no leaks from Tank 13. The trench contains approximately 4 feet of an oil/water mixture in the trench.

On January 22, 2013 an inspection for repairs was being conducted by BBB Tank Service. There are no leaks from Tank 13. The trench contains approximately 4 feet of an oil/water mixture in the trench.

On January 31, 2013 there are no leaks from Tank 13. The trench contains approximately 4 feet of an oil/water mixture in the trench. The tank cleaning contractor has removed the oily soils that were adjacent to the cleanout door and has stockpiled those soils on plastic adjacent to the trench.

On February 1, 2013 there are no leaks from Tank 13. The trench contains approximately 4 feet of an oil/water mixture in the trench. The contractor cleaning the tank has removed the oily soils that were adjacent to the cleanout door and has stockpiled those soils on plastic adjacent to the trench.

On February 5, 2013 there are no leaks from Tank 13. The trench contains approximately 4 feet of an oil/water mixture in the trench. The contractor cleaning the tank has removed the oily soils that were adjacent to the cleanout door and has stockpiled those soils on plastic adjacent to the trench. BBB Tank Service was onsite preparing to cut a door in Tank 13. The contractor also is cleaning the floor by sand blasting.